

TIKHONOV, I

Osnovnoy ekonomicheskiy zakon sovremennogo kapitalizma (Basic economic law
of modern capitalism. Moskva, Gospolitizdat, 1953.

126 p.

Bibliographical Footnotes.

SO: N/5

782

.T5

TIKHONOV, I., polkovnik, kandidat istoricheskikh nauk.

Vistula-Oder operation. Voen.znan, 29 no.8:10-11 Ag '53. (VIR 6:8)
(World War, 1939-1945--Campaigns)

COUNTRY : USSR
CATEGORY : Farm Animals.
The Swine.
ABS. JOUR. : RZhBiol.. No. 3, 1959, No. 12093
AUTHOR : Tikhonov, I.
TITLE : Rearing Punting Sows in Groups and on a Dry Diet.
ORIG. PUB. : S. Kh. Sibir, 1958, No 4, 54-57
ABSTRACT : It was established that rearing nursing sows with piglets in groups makes the work of the pig-tender easier, reduces the need for workers, decreases the expenditure of labor and costs expended for a production unit.

Card:

1/1

TIKHONOV, I.

6421. Tikhonov, I. i Zvonkov, V. Osnovnoy ekonomicheskoy zakon sotsializma. L., Lenizdat, 1954. 112 s 20 sm. 10,000 ekz. i R. zo k. --- (55-2356) P

SO: Knizhnaya Letopis' No. 6, 1955.

TIKHONOV, I., prof.

High socialist production rates are the basis for the improvement of the national welfare. Fin. SSSR 21 no.9:21-30 S '60. (MIRA 13:9)
(Cost and standard of living)

TIKHONOV, I., prof.

Creating the material and technical foundation for communism
and increasing the efficiency of capital investments. Fin.
SSSR 23 no.2:19-25 F '62. (MIRA 15:2)
(Capital investments)

LARIONOV, K. (Leningrad); TIKHONOV, I. (Leningrad)

Interpreting several economic problems in a course on the economics
of socialism. Vop. ekon. no. 1:142-149 N '61. (MIRA 14:11)
(Economics) (Communism)

TIKHONOV, I.

4240. TIKHONOV, I. -- Osnovnoy ekonomicheskiy zakon sovremennogo kapitalizma.
Kazan', tatknigoizdat, Ped. Polit. I. ict. lit, 1954 135 c. 20 sm. 4.000
ekz. 1 p. 60 k. -- Na tatar. yuz. -- (54-55476)

SO: Knizhnaya Letopsis', Vol. 1, 1955

TIKHONOV, I.

Technological progress and depreciation of the basic means of production.
Fin.SSSR 17 no.3:45-56 Mr '56. (MIRA 9:7)

(Depreciation) (Machinery in industry)

TIKHONOV, I., doktor ekonom.nauk, prof. (Leningrad)

"Marketing costs in retail trade" by A.I.Abaturon. Reviewed
by I.Tikhonov. Sov. torg. 36 no.11:46-48 N '62. (MIRA 16:1)
(Marketing—Costs) (Abaturon, A.I.)

TIKHONOV, I., dotsent

How to prepare and conduct a programmed instruction class.
Prof.-tekh.obr. 22 no.8:16-17 Ag '65.

(MIRA 18:12)

TIKHONOV, I.A., inzhener.

Selecting the hoisting capacity of cranes for the hoisting of transformers on
towers of substations. Elek.sta. 24 no.10:52 0 '53. (MIRA 6:10)
(Electric transformers) (Cranes, derricks, etc.)

TIKHONOV, IVAN ARTEM'YEVICH

N/5
781
.75

Rost material'nogo blagosostoyaniya sovetskogo naroda (Growth of the material welfare of the Soviet people) Moskva, Moskovskiy Rabochiy, 1954.
59 p. tables.

Tikhonov, I. A.

AID P - 2527

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 11/32

Author : Tikhonov, I. A., Eng.

Title : ~~On improving the standard design and decreasing the construction cost of substations~~
On improving the standard design and decreasing the construction cost of substations

Periodical : Elek sta, 6, 35-36, Je 1955

Abstract : The standard design of the layout and equipment of distribution substations with 6-10 kv switchgears and 1,000 - 15,000 kva transformers as established by TEP (Trust for Planning and Investigation of Thermal and Electric Power Plants, Networks and Substations) is criticized. Recommendations are made for more advantageous locations of various equipment and for changes in structural dimensions. One diagram.

Institution : None

Submitted : No date

DAVYDOV, B.I.; TIKHONOV, I.A.; NIKOLAYEV, N.I., kand.ekon.nauk, nauchnyy
red.; VASIL'YEV, A.V., red.izd-va; GURDZHIYEVA, A.M., tekhn.red.

[Role of technical progress in the steady growth of labor productivity
in Soviet industry] Rol' tekhnicheskogo progressa v neuklonnom roste
proizvoditel'nosti truda v promyshlennosti SSSR. Leningrad, Ob-vo po
rasprostraneniю polit. i nauchn.znaniy RSFSR, Leningr. otd-nie,
1958. 46 p. (MIRA 11:5)

(Labor productivity) (Russia--Industries)

TIKHONOV, Ivan Artem'yevich, doktor ekonom. nauk, prof.; NOSOV, F.V.,
doktor istor. nauk, red.; ILLYUMINARSKIY, K.L., red.; SHERMU-
SHENKO, T.A., tekhn. red.

[Main economic problem of the U.S.S.R.] Osnovnaia ekonomicheskaiia
zadacha SSSR. Pod obshchei red. F.V.Nosova. Leningrad, Lenizdat,
1960. 53 p. (MIRA 14:8)

(Competition, International)

LARIONOV, K.A., prof.; KADACHIGOV, V.M., prof.; KUZHELEV, N.S., dotsent;
LOPUKHOV, L.S., dotsent; TIKHONOV, I.A., prof.; TSAPKIN, N.V.,
dotsent; CHESHOKOV, P.A., dotsent. V redaktirovani primiral
uchastiye BOYKOV, S.I.. AZAROV, E.K., red.; LEVONEVSKAYA, L.G.,
tekh.red.

[Political economy; textbook for students of economic theory]
Politicheskaya ekonomiya; posobie v pomoshch' izuchaiushchim
voprosy ekonomicheskoi teorii. Leningrad, Lenizdat, 1960.
362 p. (MIRA 13:7)

(Economics)

TIKHONOV, Ivan Artem'yevich; SHCHEDRENOK, Vladimir Petrovich;
PISKUNOV, V.T., red.; BAZLOVA, Ye.M., ml. red.;
PONOMAREVA, A.A., tekhn. red.

[Main economic task and the technological progress in the
U.S.S.R.] Glavnaia ekonomicheskaiia zadacha i tekhnicheskii
progress v SSSR. Moskva, Ekonomizdat, 1963. 246 p.
(MIRA 16:9)

(Technology) (Russia--Economic policy)

LARIONOV, K.A., prof.; KADACHIGOV, V.M., prof.; KUZHELEV, N.S.,
dots.; LOPUKHOV, L.S., dots.; TIKHONOV, I.A., prof.;
TSAPKIN, N.V., prof.; CHESNOKOV, P.A., dots.;
KASHUTIN, P.A., dots., red.; MITINA, M., red.;
KOROLEVA, A., mlad. red.; MCSKVINA, R., tekhn. red.

[Economics] Politicheskaya ekonomiya; uchebnoe posobie.
Moskva, Sotsekgiz, 1963. 430 p. (MIRA 16:9)
(Economics)

TIKHONOV, I.F., inzhener.

Siphon spillways with a funnel-shaped damper. Gidr.1 mel. 6 no.1:
56-59 Ja '54. (MLRA 7:1)
(Spillways)

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSED AND PROPERTIES INDEX																			
SA										B 64 H									
<p>621.316.99 : 621.314.2.045</p> <p>2073. Earthing of the neutral points of transformer windings in 380 V systems. I. P. TIKHOMOV. <i>Elektricheskoye, No. 4, 63-4 (April, 1951) In Russian.</i></p> <p>The earthing of the neutral points of the power transformers in 380 V systems reduces electrocution dangers, as well as the number of breakdowns, and therefore increases the reliability and continuity of the supply and simplifies the operation of industrial electrical equipment. This applies equally to distribution and station transformers. This author's opinion is contradicted by the compilers of the existing official rules for the layout of electric plants. B. F. KRAUS</p>																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
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13001 17102104										13001 17102104									

TIKHONOV, I.P., inzhener.

Porous concrete filters for dug wells. Gidr.i mel. 8 no.7:46-50
Jl '56. (MIRA 9:9)
(Filters and filtrations) (Wells)

TIKHONOV, I. P.
TIKHONOV, I. P.

Head for paint spray guns. Rats, i izobr. predl. v stroi.
no.105:10-11 '54. (MIRA 8:10)
(Spray painting)

TIKHONOV, I. F.

Experience of treating horses in infectious encephalomyelitis.

SO: TABCON Veterinariya; 23; 5-6; May/June 1946; Unclassified.

Veterinarian, Kurmysh Rayon Veterinary Hospital, Gor'kiy Oblast'.

PHASE I BOOK EXPLOITATION SOV/3529

Tikhonov, Ivan Ivanovich

Radioelektronika i yeye voyennoye primeneniye (Radio Electronics and Its Military Use) Moscow, Izd-vo DOSAAF, 1960. 78 p. 26,700 copies printed.

Eds.: Ya. G. Varaksin and I. M. Filimonov; Tech. Ed.: F. Ya. Faynshmidt.

PURPOSE: This booklet is intended for readers having an elementary background in electrical and radio engineering.

COVERAGE: The booklet gives general information on the construction and purpose of radio-electronic equipment and describes military possibilities and fields of application of radio-electronic equipment. Some material from non-Soviet literature is used in the booklet. No personalities are mentioned. There are 11 Soviet references, 4 of which are translations.

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Radio Electronics and Its Military Use

SOV/3529

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AVAILABLE: Library of Congress

Card 2/2

JP/fal
5-23-60

TIKHONOV, Ivan Ivanovich; KASHIN, N.V., otvetstvennyy red.; ISAYEV, V.A.,
red.; SHISHKOVA, L.M., tekhn.red.

[Mineral-ceramic cutting tools and milling cutters; practices of
the "Krasnoe Sormovo" Plant] Mineralokeramicheskie reztsy i frezy;
iz opyta zavoda "Krasnoe Sormovo." Leningrad, Gos. Soizuznoe izd-vo
sudostroitel. promyshl., 1957. 70 p. (MIRA 11:5)
(Cutting tools)

TIKHONOV, I.I., inzh. (g. Gor'kiy)

Cutting tools made of corundum ceramics [microlite TSM-332] Politekh.
obuch. no. 2:64-73. F '59. (MIRA 12:3)
(Metal-cutting tools)

PHASE I BOOK EXPLOITATION 900

Tikhonov, Ivan Ivanovich

Mineralokeramicheskiye reztsy i frezy; iz opyta zavoda "Krasnoye Sormovo" (Ceramic-tipped Cutting Tools and Milling Cutters; from Experience at the "Krasnoye Sormovo" Plant) Leningrad, Sudpromgiz, 1957. 7,000 copies printed.

Resp. Ed.: Kashin, N.V.; Ed.: Isayev, V.A.; Tech. Ed.: Shishkova, L.M.

PURPOSE: This booklet is intended for engineers, technical personnel, and innovators working in the field of metal cutting.

COVERAGE: The booklet describes new designs of ceramic-tipped cutting tools and milling cutters. Methods of sharpening and dressing tools, cutting regimes, and other problems connected with their use are presented. In preparing the booklet the author utilized his experience with ceramic-tipped tools gained at the "Krasnoye Sormovo" Plant. The following laboratory workers who took part in solving various problems connected with the use of new tools at the plant:

Card 1/4

Ceramic-tipped Cutting Tools and Milling Cutters (Cont.) 909

A.P.Kuznetsov, Candidate of Technical Sciences; Engineers:
I.I.Tikhonov, A.I.Gusev, and I.T.Korotkov; technicians:
M.F.Belyayev, A.Ya.Kupriyanov; machinists: A.A.Loginov, A.M.Godyayev,
A.G.Prokhorov and A.N.Sorokin. The author thanks V.N.Mints,
Engineer for his assistance in preparing the manuscript for printing.
There are 7 Soviet references.

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- Ceramic-tipped Cutting Tools and Milling Cutters (Cont.) 900
 - Appendix 6. Correction Coefficients for Regimes of Cutting Gray
Cast Iron With Ceramic Face Millers Depending on Various Factors 70
- AVAILABLE: Library of Congress (TJ1186.T525)

GO/whl
11-26-58

Card 4/4

USSR/Microbiology - General Microbiology

F

Abs Jour : Ref Zhur Biol., No 1, 1959, 656

Author : Tikhonov, I.I.

Inst : -

Title : Nutrient Media for Growing Diphtheria Bacilli

Orig Pub : Biol. Tsentr. n.-i. labor. Gigeny i epidemiol., 1957,
No 2, 21

Abstract : No abstract.

Card 1/1

TIKHONOV, I.I., inzh.

Geometric parameters of mineral-ceramic cutting tips. Mashinostroitel'
no.3:26 Mr '58. (MIRA 11:2)

(Metal-cutting tools)

TIKHONOV, I.I.
USSR/Miscellaneous - Machine tools

Card 1/1 Pub. 103 - 16/23

Authors : Kuznetsov, A. P., and Tikhonov, I. I.

Title : Grinding and lapping of mineral-ceramic plate for tools

Periodical : Stan. i instr. 2, 35-36, Feb 1954

Abstract : Various methods are introduced for the grinding and lapping of mineral-ceramic, high temperature resistant plates used for machine tools. The attachments used for the grinding are described. Drawings.

Institution :

Submitted :

KUZNETSOV, A.P.; TIKHONOV, I.I.

Grinding and polishing mineral-ceramic blades for tools. Stan.1
instr. 25 no.2:35-36 F '54. (MLRA 7:5)
(Cutting tools)

I. I. Tikhonov
AUTHOR:

Tikhonov, I.I., Engineer

117-3-10/28

TITLE:

Geometric Parameters of Mineral-ceramic Tip Plates for Cutters and Mills (Geometricheskiye parametry mineralokeramicheskikh plastinok dlya reztsov i frez)

PERIODICAL:

Mashinostroitel', 1958, # 3, p 26 (USSR)

ABSTRACT:

The article describes and illustrates mineral-ceramic tool tips used at the plant "Krasnoye Sormovo" for cutting cast iron, carbon steel, alloy and stainless steel of all grades.
There is 1 figure.

AVAILABLE:

Library of Congress

Card 1/1

TIKHONOV, I. I., ENG.

Metal Cutting

Smoothness of surface obtained by grinding and cutting.
Vest. mash. 32 No. 5, 1952.

Monthly List of Russian Accessions, Library of
Congress, October 1952. UNCLASSIFIED.

TIKHONOV, I. I.

Metal Cutting.

Cutting conditions for cut-off tools in lathe work. Stan. i instr., 23, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1954, 2 Uncl.

TIKHONOV, I. I.

Lathes

Cutting conditions for cut-off tools in lathe work. Stan. i instr., 23, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 ~~1953~~, Uncl.

TIKHONOV, I. I.

Lathes.

Cutting conditions for cut-off tools in lathe work, Stan. 1 instr. 23,
No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952, Uncl.

TIKHONOV, I.I.

Prevention of food poisoning due to lead in connection with the
preparation of chanakhi in glazed earthenware. Vop. pit. 20
no.4:80-81 J1-Ag '61. (MIRA 14:7)

1. Iz sanitarno-epidemiologicheskoy stantsii, stantsiya Ordzhonikidze
Severo-Kavkazskoy zheleznoy dorogi.
(FOOD CONTAMINATION) (LEAD POISONING)

TIKHONOV, I. I.

Metal Cutting

Cutting conditions for cut-off tools in lathe work. Stan. i instr., 23, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 ~~1953~~, Uncl.

TIKHONOV, I.I., kandidat istoricheskikh nauk, polkovnik.

[Battle at Kursk; July - August 1943] Bitva pod Kurskom (Iul'-avgust 1943
goda). Moskva, Izd-vo "Znanie", 1953. 31 p. (MLBA 6:10)
(Kursk, Battle of, 1943)

TIKHONOV, Ivan Nikolayevich; RYBAK, Ye.D., red.; SHEVCHENKO, L.V.,
tekhn.red.

[Kem'; a brief study on the history and local lore of the
city and the district] Kem'; kratkii istoriko-kraevedcheskii
oчерk o gorode i raione. Petrozavodsk, Gos.izd-vo Karel'skoi
ASSR, 1958. 51 p. (MIRA 13:2)

(Kem' District--History
(Kem' District--Economic conditions)

TIKHONOV, I.T. ~~Bee~~ Cand Agr Sci -- (diss) "Effect of ~~the~~
various levels of ^{protein} albumen and vitamin feeding ^{up to} on growth and
~~development of pigs under reconditioning~~ ^{Supernumerary young female} and on their sub-
sequent productivity." Mos, 1957. 16 pp 20 cm. (All-Union
Order of Lenin Academy of Agr Sciences im ^{V.} P.I. Lenin. All-
Union Scientific Research Ins of Cattle-Breeding), 110 copies
(KL, 21-57, 104)

-85-

KIL'KOV, N.S., inzh.; SLOSMAN, I.V., dots., kand.tekhn.nauk; TIKHONOV, I.T., dots., kand.tekhn.nauk; TOPOROV, G.V., dots.; ~~FILATOVA, E.F., inzh.~~

Isothermal hardening of Kh12F die steel. Izv.vys.ucheb.sav.; chern.met. no.9:91-95 S '58. (MIRA 11:1)

1. Tomskiy politekhnicheskii institut i Tomskiy elektromekhanicheskii zavod.

(Chromium steel--Hardening)

S/137/62/000/002/054/065
A006/A1C1

AUTHORS: Slosman, I. V., Tikhonov, I. T., Toporov, G. V., Kil'kov, N. S.,
Filatova, E. F.

TITLE: The effect of various types of heat treatment upon the properties
of high-chromium stamping steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 8, 1962, 133 - 134, abstract
81920 ("Sb. nauchn. tr. Tomskiy inzh.-stroit. in-t", 1961, v. 9,
26 - 45)

TEXT: Specimens of high-chromium steels, grade X12 Φ (Kh12F) (1.4% C,
11.5% Cr, 0.3% V) and grade X12 Φ 1 (Kh12F1) (1.4% C, 12% Cr, 0.62% V) were sub-
jected to isothermal quenching from 1,000 - 1,040°C and held at temperatures $> M_s$;
to long-lasting isothermal quenching at temperature ranges below martensite
transformation, and to conventional quenching with subsequent cold treatment and
tempering at elevated temperatures. To raise the impact resistance of Kh12F-steel
die parts, isothermal quenching by one of the following methods is recommended:
a) heating to 1,040°C, isothermal quenching during 2 - 6 hours at 250°C; b) heat-

Card 1/2

The effect of various types of...

S/137/62/000/008/054/055
A006/A101

ing to 1,020°C and isothermal quenching for 2 - 6 hours at 270 - 280°C. After applying the aforementioned conditions of isothermal quenching, a considerable amount of intermediate-range structures are formed in the steel whose strength is somewhat below the martensite strength; the strength of the steel, however, remains sufficiently high for the operational die parts. Long-lasting isothermal quenching of high-chromium steels, in the range of martensite transformation at 18 - 120°C and up to 100 hours holding time did not increase the impact strength of these steels. Literature data indicating the possibility of raising a_k of steel by additional cold treatment were not confirmed by the tests. There are 8 references. ✓

A. Babayeva

[Abstracter's note: Complete translation]

Card 2/2

S/123/62/000/018/007/012

A006/A101

AUTHORS: Slosman, I. V., Tikhonov, I. T., Toporov, G. V., Kil'kov, N. S.,
Filatova, E. F.

TITLE: The effect of various types of heat treatment upon the properties
of high-chromium stamping steels

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 18, 1962, 16,
abstract 18B101 ("Sb. nauchn. tr. Tomskiy inzh.-stroit. in-t",
1961, 9, 26 - 45)

TEXT: The properties of grade X12 Φ (Kh12F) and X12 Φ 1 (Kh12F1) steels
were determined after heat treatment under conventional conditions. The steels
were found to be low-resistant to impact loads and the toughness of the specimens
decreased when quenching was performed from 1040°C and more. The impact resist-
ance increases noticeably after isothermal quenching of Kh12F steel from 0 to
1020 - 1040°C with holding at 250 - 280°C for 2 - 6 hours. Literature data on
the possibility of raising the resistance of high-chromium steels to impact loads
by additional cold treatment were not confirmed by the experiments carried out

Card 1/2

The effect of various types of heat treatment upon... 3/123/62/000/018/007/012
in the described study. There are 14 figures. A006/1101

T. Kislyakova

[Abstracter's note: Complete translation]

Card 2/2

USSR/Farm Animals - Swine.

Q-5

Abs Jour : Ref Zhur - Biol., No 1, 1958, 2613

Author : I.T. Tikhonov

Inst : -

Title : The Effect of Feed Fortified with Protein and Vitamin-A,
on the Growth and Productivity of Pigs.

Orig Pub : Svinovodstvo, 1957, No 3, 37-40

Abstract : An increase of the amount of digestible protein by 86-112 grams, and of Vitamin-A to 50,000 international units in the daily ration of pigs increased the weight of the animals by 8-12%. It also contributed to an accelerated growth and development of the animals. This increased amount of proteins and Vitamin-A in the feed of the animals increased the fertility of the sows by 14-22%, the size of the offsprings by 9-21%, and the milk secretions of the sows 20-25%, in comparison with the sows of the control group.

Card 1/1

CA
Structure and properties of cellulose and its esters.
XXII. Nitration of cellulose in homogeneous medium.
Z. A. Rogovin, K. Tikhonov, and A. Maslova. *J. Appl.
Chem. (U.S.S.R.)* 19, 650-67 (1946) (in Russian).

cl. C.I. 40, 3990⁰. Nitration of bleached lint in soln. in
mixts. of HNO_3 and MeNO_2 in varying wt. ratios at 35°
gave transparent sirupy products from which nitrocellu-
lose was pptd. on pouring into water. With 95% HNO_3 ;
 MeNO_2 = 2:8, 3:7, 4:6, 5:5, 6:4, 7:3, the N contents
of the product (stabilized by boiling in 50% AcOH and
dried) after 2 hrs. reaction were 0.9, 6.0, 10.1, 10.5, 11.55,
and 12.5%; soly. in Me_2CO , MeNO_2 , and in the nitrating
mixt. was complete only from 10% N upwards. The
concn. of the initial HNO_3 (i.e., the H_2O content of the
mixt.) has a very marked effect: with 91, 93, 97.5,
and 100% HNO_3 in HNO_3 : MeNO_2 = 40:60, 2 hrs. at
35°, the product contained 7, 9.3, 10.1, 12.8-13.3, and
13.7-14% N; the highest-N product, however, was insol.
in MeNO_2 and in the nitrating mixt. Part of the MeNO_2
(up to 60%) can be replaced by diluents such as $\text{C}_2\text{H}_5\text{Cl}$
or CH_2Cl_2 , with a gain in soly.; completely sol. products
with 10.9 and 11.2% N were obtained with HNO_3 (95%);
 MeNO_2 : $\text{C}_2\text{H}_5\text{Cl}$ = 40:30:30 and 40:25:35, and a sol.

0.26% N product with 95% HNO_3 : MeNO_2 : $\text{C}_2\text{H}_5\text{Cl}$ =
30:30:40. By use of 100% HNO_3 , a completely sol.
10.9% N product was obtained with as little as HNO_3 20,
in MeNO_2 40, $\text{C}_2\text{H}_5\text{Cl}$ 40. A lower-mol. diluent (CH_2Cl_2)
leads to a somewhat higher degree of nitration than a
higher mol. one ($\text{C}_2\text{H}_5\text{Cl}$). In terms of time, the degree
of nitration increases during the first 2 hrs., after which it
does not significantly increase with further prolonged re-
action: HNO_3 : MeNO_2 = 40:60, 0.5, 1, 2, 6, 24 hrs. at 35°
gave 5.5, 9, 10.1, 10.2, 10.1% N. In terms of temp.,
nitration is insignificant at 0° and will not exceed 7.9%
even after 20 hrs. at 20°, a 10.1% N product cannot be
obtained at lower than 30°. The specific viscosity in 0.25%
soln. in acetone of the product (9.5% N) obtained at 40°
2 hrs. with HNO_3 37, MeNO_2 60, H_2O 3 was 0.35, as
against 1.55 for the product (12% N) of nitration at the
same temp. and same time, with HNO_3 25, H_2SO_4 65,
 H_2O 10. Homogeneous nitration seems to result in rela-
tively greater degradation of the cellulose; on standing,
degradation continues and viscosity drops further.

ASD 51A METALLURGICAL LITERATURE CLASSIFICATION

3 27

Investigation of the Structure and Properties of Cellulose and Its Esters. Part XXII. Nitration of Cellulose in a Homogeneous Medium. (In Russian.) Z. Rogovin K. Tikhonov, and A. Maslova. *Journal of Applied Chemistry* (U.S.S.R.), v. 19, no. 7, 1946, p. 659-667.

A method of cellulose nitration has been developed using as a nitrating mixture the binary compound of nitric acid with nitromethane or the ternary compound of nitric acid, nitromethane, and dichloromethane or methylene chloride. The influence of various factors on the process was studied.

ASR-5LA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

5TH AND 6TH ORDERS

7TH AND 8TH ORDERS

9TH AND 10TH ORDERS

11TH AND 12TH ORDERS

13TH AND 14TH ORDERS

15TH AND 16TH ORDERS

17TH AND 18TH ORDERS

19TH AND 20TH ORDERS

21ST AND 22ND ORDERS

23RD AND 24TH ORDERS

25TH AND 26TH ORDERS

27TH AND 28TH ORDERS

29TH AND 30TH ORDERS

31ST AND 32ND ORDERS

33RD AND 34TH ORDERS

35TH AND 36TH ORDERS

37TH AND 38TH ORDERS

39TH AND 40TH ORDERS

41ST AND 42ND ORDERS

43RD AND 44TH ORDERS

45TH AND 46TH ORDERS

47TH AND 48TH ORDERS

49TH AND 50TH ORDERS

51ST AND 52ND ORDERS

53RD AND 54TH ORDERS

55TH AND 56TH ORDERS

57TH AND 58TH ORDERS

59TH AND 60TH ORDERS

61ST AND 62ND ORDERS

63RD AND 64TH ORDERS

65TH AND 66TH ORDERS

67TH AND 68TH ORDERS

69TH AND 70TH ORDERS

71ST AND 72ND ORDERS

73RD AND 74TH ORDERS

75TH AND 76TH ORDERS

77TH AND 78TH ORDERS

79TH AND 80TH ORDERS

81ST AND 82ND ORDERS

83RD AND 84TH ORDERS

85TH AND 86TH ORDERS

87TH AND 88TH ORDERS

89TH AND 90TH ORDERS

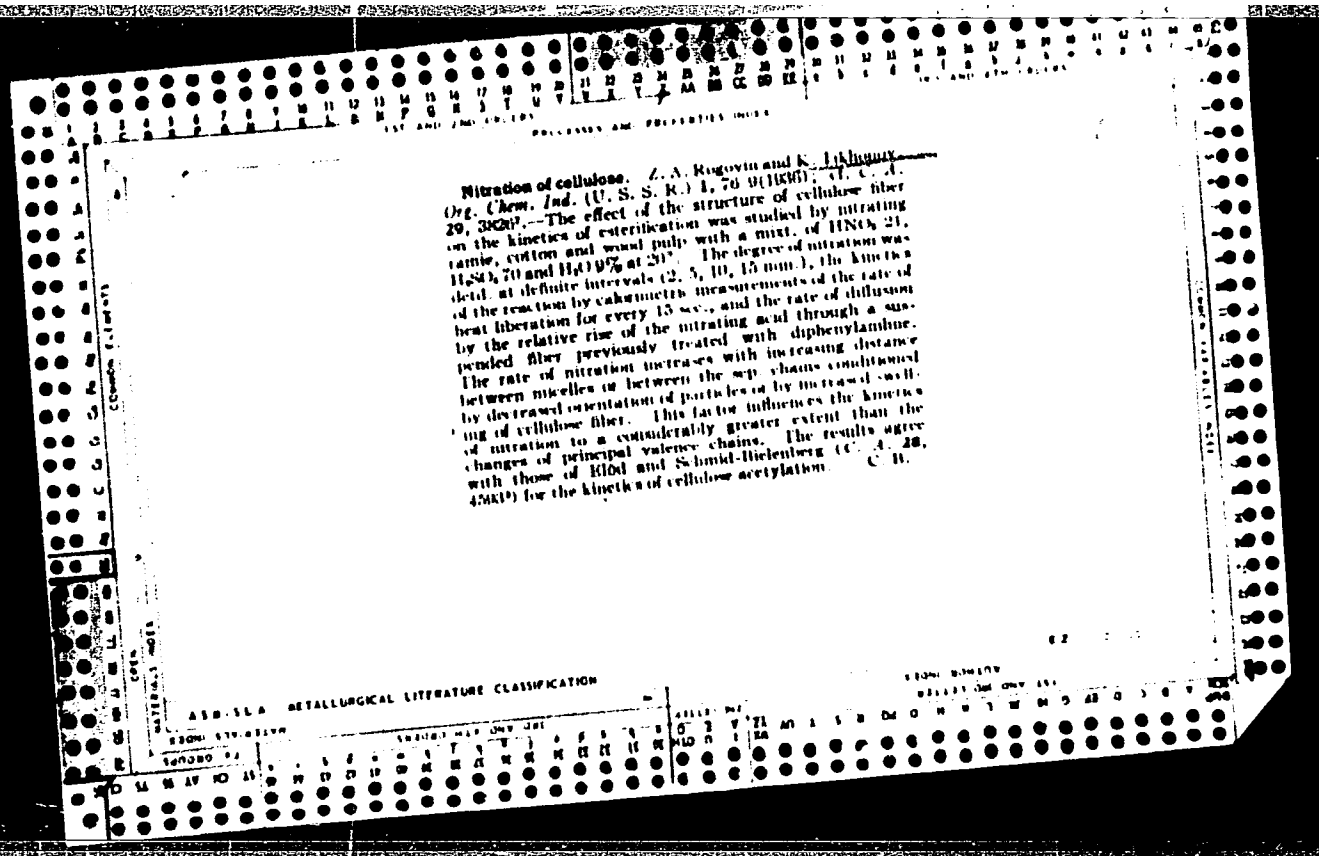
91ST AND 92ND ORDERS

93RD AND 94TH ORDERS

95TH AND 96TH ORDERS

97TH AND 98TH ORDERS

99TH AND 100TH ORDERS



IVANOV, I., kand. tekhn. nauk; TIKHONOV, K., kand. tekhn. nauk; PETROV, D. inzh.;
SHMYREV, A.

Let us urge the technical reconstruction of railroad transportation. MFO no. 4:26-29 Ap '59. (MIRA 12:6)

1. Predsedatel' seksii elektrifikatsii i energetiki TSentral'nogo pravleniya nauchno-tekhnicheskogo obshchestva zheleznodorozhnogo transporta (for Ivanov). 2. Chleny seksii ekspluatatsii TSentral'nogo pravleniya nauchno tekhnicheskogo obshchestva zheleznodorozhnogo transporta (for Tikhonov, Petrov). 3. Zamestitel' predsedatelya seksii signalizatsii i svyazi TSentral'nogo pravleniy nauchno-tekhnicheskogo obshchestva zheleznodorozhnogo transporta (for Shmyrev).
(Railroad research)

107-57-3-19/64

AUTHOR: Tikhonov, K. (pos. Orotukan, Magadan oblast)

TITLE: An Emergency Lighting. Suggestions of Rural Radio Men
(Avariynoye osveshcheniye. Sel'skiye radiofikatory predlagayut)

PERIODICAL: Radio, 1957, Nr 3, p 17 (USSR)

ABSTRACT: A simple emergency lighting system is described which consists of an electromagnetic relay whose winding is connected in series with the normal lighting system and whose contacts control the circuit of an emergency lighting system supplied by a small battery. With the normal lighting "on," the relay is energized and holds its contacts open. In the case of main lighting-supply failure, the relay closes its contacts and turns on the emergency lighting. The arrangement is used at a wire-broadcast station. A type BNS-MVD-500 dry battery was used as a source of emergency power. There is one figure in the article.

107-57-3-19/64

Card 1/1

~~TIKHONOV, K.~~ (pos. Orotukan, Magadanskoy oblasti); SAMOYLOV, K. (g. Cherkessk, Stavropol'skogo kraya); GELIVER, V. (g. Gadyach, Poltavskoy oblasti)

Rural radio workers propose... Radio no. 3:17 Mr '57. (MLRA 10:5)

(Radio)

TIKHONOV, K.

Formirovanie i ras-

[Making and breaking up of trains in winter] Formirovanie i ras-
formirovanie poezdov zimoi. Izd. 2., perer. i dop. Moskva, Trans-
zheldorizdat, 1947. 189 p. (MLRA 7:12)

(Railroads--Making up trains) (Railroads--Cold weather ope-
ration)

1. TIKHONOV, K.
2. USSR (600)
4. Coal Mines and Mining
7. Accomplishments of the innovators of the "Polysaevskaya-1" mine.
Mast. ugl. 1 no. 7, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

TIKHONOV, K.; SOSONKIN, L.; KRASNIKOV, B.I., red.; STUDENETSKAYA,
V.A., tekhn. red.

[Socialist discipline of work in railroad transportation]
Sotsialisticheskaya distsiplina truda na zheleznodorozhnom
transporte. Moskva, Transzheldorizdat, 1951. 80 p.
(MIRA 16:8)

(Railroads--Employees) (Labor discipline)

TIKHOMOV, K. B.

"Angio-and lymphadenography in conditions of natural contrast."

to be presented at the Radiology Congress, Karlovy Vary,
Czechoslovakia, 10-14 June 63

TIKHONOV, K.B., kandidat meditsinskikh nauk (Leningrad)

Movements of the thorax and blood circulation. Klin. med. 32 no.7:
17-24 J1 '54. (MLRA 7:8)

(TORAX, physiology

*movements, eff. on blood circ.)

L 27572-66 .ENT(m)

ACC NR: AP6018380

SOURCE CODE: UR/0241/65/010/004/0062/0065

AUTHOR: Tikhonov, K. B.; Chalisov, I. A.

ORG: Military-Medical Order of Lenin Academy im. S. M. Kirov, Leningrad (Voyenno-meditsinskaya ordena Lenina akademiya)

TITLE: State of walls of large blood vessels in acute radiation sickness

SOURCE: Meditsinskaya radiologiya, v. 10, no. 4, 1965, 62-65

TOPIC TAGS: radiation sickness, cardiovascular system, dog, rabbit, x ray irradiation, pathology, radiation biologic effect

ABSTRACT: In order to discover the causes of functional changes in vessels, in addition to roentgenological (arteriography) the author undertook the microscopic study of structure of large arteries and the aorta in 17 dogs and 15 rabbits. Transverse celloidin sections of vessels were stained with hematoxylin-eosin after van Gizon. Angiography was also instituted. All animals underwent single whole-body x-ray irradiation under the following technical condition: dogs -- simultaneous bilateral irradiation, tube voltage 180 kilovolts, current strength 15 milliamperes, filter 0.5 mm Cu, skin-focal distance (anode-sagittal plane of the body) 120 cm, dose strength 7 roentgens/minute; rabbits -- skin-focal distance 70 cm, dose strength 12 roentgens/minutes. The dogs were irradiated at doses of 400-500 roentgens,

Card 1/3

UDC: 616-001.28-036.11-07:616.131.14-091.8-07

L 27572-66

ACC NR: AP6018380

rabbits -- 800 roentgens. Acute radiation sickness developed in all animals with typical clinical and hematological symptoms. All carcasses of succumbed animals underwent pathologoanatomical autopsy, which confirmed the diagnosis of acute radiation sickness with pronounced hemorrhagic syndrome and necrotic foci in intestinal and tonsillar mucosa. Microscopic examination of walls of large vessels (arteries and veins) did not detect pathological changes. The investigation showed that in general no histological elements of large blood vessels in acute radiation sickness when usual methods of histological study are used revealed distinct symptoms of pathological changes. Focal lesions of endothelium or hypertrophy of the endothelium in several large vessels revealed by means of the special N. A. Shevchenko method could scarcely affect the main hemodynamic functions of large vessels by altering their lumens. Any destructive changes in blood vessel walls would have promoted disruption of their contractibility, at least in some sections. Angiographic data shows that the intense contraction of large vessels during the peak of the radiation sickness uniformly involved vessels over a long extent. In the case of mass irradiations of the entire body or a major portion of it, in a short time the state of the vessels depends on the overall reaction of the organism to irradiation. In this case, small vessels, being physiologically the most active, are more severely injured; main vessels generally do not undergo substantial structural changes. In local irradiation in large doses any, including the largest, vessels in the irradiation zone are damaged. These injuries can be so profound that total breakdown of their walls occurs. In local irradiation, direct action is

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L 27572-66

ACC NR: AP6018380

evidenced chiefly on vascular walls. Consequently, in viewing the problem of effective radiation on vessels, irradiation conditions and the damaging effect of irradiation on different tissues, in particular vascular tissues, must be strictly defined. /JPRS/

SUB CODE: 06 / SUM DATE: 27Mar63 / ORIG REF: 010 / OTH REF: 008

Card 3/3 CC

TIKHOMOV, K.B., kandidat meditsinskikh nauk

An apparatus for angiocardiology [with summary in English].
Vest.rent. i rad. 32 no.1:73-76 Ja-F '57. (MLRA 10:6)
(ANGIOGRAPHY, appar. and instruments
apparatus for angiocardiology)

EXCERPTA MEDICA Sec.18 Vol.1/9 Cardiovascular Sept 57

2499. TIKHONOV K. B. *A device for angiography (Russian text)* Vestn. Rentgenol. Radiol. 1957, 32/1 (73—76) Illus. 11

The work of the apparatus is based on the change of plate holders. Each holder passes through the 3 main parts of the unit. The first part is charged with unexposed holders, in the 2nd they are exposed and the 3rd (the receiver) holds the exposed ones. The stack of plate holders in the first part is raised by steps, each time to a height equalling the thickness of one holder. The uppermost holder is shifted into the 2nd part of the unit by means of a horizontal rod fixed on 2 chains. A special prominence on one of the chains switches the X-ray tube on and off through a time relay. The next plate holder, also moving into the 2nd part, shifts the preceding already exposed holder into the receiver. The gradual elevation of the stack of holders in the first section and their lowering into the 3rd section are effected by 4 powerful springs and a separator. The rod transferring the holders is set in motion by an electrical motor through a friction gear which also serves to adjust the speed at which the holders are supplied (in the limits of from 1 to 3 holders per sec.). A fine grid is attached over the middle section of the unit. The unit is charged with 8 wooden holders 30 x 40 cm. which facilitate their transfer. Large-sized holders make the unit universally applicable for examination of the cardiovascular system. The patient (or animal) under study is placed on a separate table installed over the unit in the required position (lengthwise or perpendicularly). (XIV, 9. 18)

USSR/Morphology of Man and Animals (Normal and Pathological).
Experimental Methods and Technique.

S-1

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26371

Author : Tikhonov, K.B.

Inst :

Title : On Experimental Translumbar Aortography.

Orig Pub : Vestn. rentgenol. i radiologii, 1956, No 2, 29-31.

Abstract : Eighteen cardiographs were done on 5 dogs and 3 rabbits using Kardiotrast and Tototrast. The animals were placed in a prone position and a needle, 1.5 mm in diameter, was introduced paravertebrally. The animals calmly tolerated the introduction of 20 ml of 50% Kardiotrast for 2.5-3 sec. and in 30-40 min. their condition was the same as before the injection. The introduction of a 70% solution caused some reaction. The rabbits proved to have less stamina than the dogs. The arteriograms with Kardiotrast were the same as those with Tototrast.

Card 1/2

TIKHONOV, K. B.

EXCERPTA MEDICA Sec.14 Vol.11/10 Radiology Oct 57

1737. TIKHONOV K.B. *A device for angiography (Russian text)
VESTN. RENTGENOL. RADKOL. 1957, 32/1 (73-76) Illus. 11

The work of the apparatus is based on the change of plate holders. Each holder passes through the 3 main parts of the unit. The first part is charged with unexposed holders, in the 2nd they are exposed and the 3rd (the receiver) holds the exposed ones. The stack of plate holders in the first part is raised by steps, each time to a height equalling the thickness of one holder. The uppermost holder is shifted in-

1737

CONT.

to the 2nd part of the unit by means of a horizontal rod fixed on 2 chains. A special prominence on one of the chains switches the X-ray tube on and off through a time relay. The next plate holder, also moving into the 2nd part shifts the preceding already exposed holder into the receiver. The gradual elevation of the stack of holders in the first section and their lowering into the 3rd section are effected by 4 powerful springs and a separator. The rod transferring the holders is set in motion by an electrical motor through a friction gear which also serves to adjust the speed at which the holders are supplied (in the limits of from 1 to 3 holders per sec.). A fine grid is attached over the middle section of the unit. The unit is charged with 8 wooden holders 30 x 40 cm. which facilitate their transfer. Large-sized holders make the unit universally applicable for examination of the cardiovascular system. The patient (or animal) under study is placed on a separate table installed over the unit in the required position (lengthwise or perpendicularly). (XIV, 9, 18)

KUZNETSOV, V.I., polkovnik med. sluzhby; BARONOV, V.A., polkovnik med. sluzhby;
TITOV, A.I., polkovnik med. sluzhby, dots.; FIALKOVSKIY, V.V., polkovnik
med. sluzhby; SMIRNOV, K.K., polkovnik med. sluzhby, kand. med. nauk;
DOVZHENKO, G.I., polkovnik med. sluzhby; DIVNENKO, P.G., polkovnik med.
sluzhby; GORYUSHIN, G.S., podpolkovnik med. sluzhby; SHCHERBEKOV, N.I.
podpolkovnik med. sluzhby; ZHUK, Ye. G., podpolkovnik med. sluzhby; BUTOMO,
N.V., mayor med. sluzhby; PREOBRAZNEFSKIY, P.V., mayor med. sluzhby;
TIKHONOV, K.B., mayor med. sluzhby

Clinical manifestations in subjects exposed to prolonged ionizing ir-
radiation. Voen. med. zhur. no.2:40-43 Y '57 (MIHA 12:7)

(RADIATIONS, effects,

clin. manifest. in subjects exposed to prolonged ionizing
irradiation (Rus))

TIKHONOV, K.B., kand.med.nauk

Angiography in acute radiation sickness. [with summary in English]
Vest.rent. 1 rad. 33 no.4:60-63 J1-Ag '58 (MIRA 11:8)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova
(nach. - prof. P.F. Goncharov).

(RADIATION, inj. eff.

blood vessel changes, determ. by angiography in animals
(Rus))

(BLOOD VESSELS, eff. of radiations on
changes, determ. by angiography in animals (Rus))

17(7)

SOV/177-58-11-8/50

AUTHOR:

Tikhonov, K.B., Lieutenant-Colonel of the Medical
Corps, Candidate of Medical Sciences

TITLE:

Methods of Determining the Location of a Foreign
Body

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1958, Nr 11, pp 27 -
30 (USSR)

ABSTRACT:

Many authors, including Sh.I. Abramov, V.S. Vakhtel' and M.I. Nemenov, described in detail the existing methods of determining the location of foreign bodies. Although V.I. Feoktistov's method of straight coordinates distinguishes itself by special exactness, the author criticizes it. In his opinion, a skin surface cannot be a reliable orienting point for determining the location of a foreign body. The author suggests a method successfully applied by him which is based on the coincidence of the shadows of a foreign body on shifting two roentgenograms taken from various points. The essence of this method is given

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SOV/177-58-11-8/50

Methods of Determining the Location of a Foreign Body

as follows: From 2 points, A and B (Figure 1), 5 cm distant on both sides from the middle line, two roentgenograms are taken with an 80 cm focal distance. All the time, the patient lies immobile. Both cassettes are to be laid consecutively strictly on the same place. Four lead marks in the form of small strips or triangles are laid on the patient's body in a way that they give shadows at the corners of both roentgenograms. In the further course, these shadows will serve as orienting points for the correct superposition of the roentgenograms one upon the other. The foreign bodies give, at each of the two roentgenograms, a different position of their shadows with respect to each other and to the bones. In order to achieve the coincidence of the shadows of the foreign bodies most distant from the film (level 1, fig. 1), a greater shifting of the roentgenograms is necessary than for the coincidence of the shadows of the foreign body which is nearest to the film

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SOV/177-58-11-8/50

Methods of Determining the Location of a Foreign Body

(level III, fig. 1). According to the degree of the shifting of the films, the depth of the location of the foreign body in the articulatio coxae is demonstrated. The method suggested gives exact presentation of the distal relation of the foreign bodies to the bones next to them, to their fragments and organs. All this is of great importance for the operation. There are 4 photographs and 1 graph.

Card 3/3

TIKHONOV, K.B., kand.med.nauk

Arteriography through the lesser circulation. Vest.rent.1 md. 34
no.6:72-73 N-D '59. (MIRA 13:5)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova
(nach. - general-mayor meditsinskoy sluzhby prof. P.P. Goncharov).
(ANGIOGRAPHY)

TIKHONOV, K.B.

Changes in the reactivity of the large blood vessels in acute
radiation sickness. Med. rad. 5 no. 11-14 N '60. (MIRA 13:12)
(RADIATION SICKNESS) (BLOOD VESSELS)

TIKHONOV, K.B.

Carbon dioxide as a contrast substance in studies of the
heart cavity. Vest.khir. 84 no.1:67-71 Ja '60.

(MIRA 13:10)

(ANGIOCARDIOGRAPHY) (CARBON DIOXIDE)

TIKHONOV, K.B., podpolkovnik meditsinskoy sluzhby, kand.med.nauk

Use of a vibratory laundry apparatus for deactivation. Voen.-med.
zhur. no. 1:84-85 Ja '60. (MIRA 14:2)

(DECONTAMINATION--EQUIPMENT AND SUPPLIES)

TIKHONOV, K.B., starshiy nauchnyy sotrudnik (Leningrad, V-178, V.O. 16-ya liniya, d.49, kv.2)

Vasoactive effect of cardiotrast. Vest. rent. i rad. 36 no. 1:20-28
Ja-F '61. (MIRA 14:4)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni S.M.
Kirova.

(CONTRAST MEDIA---PHYSIOLOGICAL EFFECT)

TIKHONOV, Konstantin Borisovich; KATSMAN, A.Ya., red.; SAFRONOVA, I.P.,
tekhn. red.; KHARASH, G.A., tekhn. red.

[Angiography; methods and technics for contrast study of the
blood vessels and cavities of the heart] Angiografiia; metodika
i tekhnika kontrastnogo issledovaniia krovenosnykh sosudov i
polostei serdtsa. Leningrad, Medgiz, 1962. 279 p.
(ANGIOCARDIOGRAPHY) (MIRA 15:4)

27.2400

40446

S/241/62/007/006/001/001

I015/I215

AUTHOR: Tikhonov, K. B.

TITLE: Hypotension and vasoconstriction in acute radiation sickness

PERIODICAL: Meditsinskaya radiologiya, v. 7, no. 6, 1962, 58-68

TEXT: The purpose was to study the volume of blood in circulation in irradiated animals, their blood pressure, and the diameter of blood vessels. Experiments were carried out on 18 dogs weighing 10-14.7 kg. At the height of radiation sickness, a sharp vasoconstriction of the pelvic and peripheral vessels was caused by a decrease in the volume of circulating blood. When this was increased there was a marked change in the roentgenological picture of the vessels. The author concludes that hypotension in acute radiation sickness is caused mainly by the reduced volume of circulating blood, since the latter appeared much earlier than cardiac insufficiency and was present also in animals which survived the radiation sickness. Vasoconstriction is considered to be a compensatory mechanism for maintaining optimal blood pressure in conditions of reduced blood volume. There are 4 figures and 3 tables.

ASSOCIATION: Voenno-meditsinskaya ordena Lenina akademiya imeni S. M. Kirova. (The Military-Medical Academy of the Order of Lenin, imeni S. M. Kirov).

SUBMITTED: January 22, 1962

Card 1/1

DZHARAK'YAN, T.K.; TIKHONOV, K.B.

Vasodilation of the major arteries. Biul.eksp.biol.i med. 54 no.7:
14-17 J1 '62. (MIRA 15:11)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova,
Leningrad. Predstavlena deystvitel'nyy ehlenom AMN SSSR A.V.
Lebedinskim.

(ANGIOGRAPHY) (ARTERIES) (CONTRAST MEDIA)

TIKHONOV, K.B.

Hypotension and vasoconstriction in acute radiation injury. Med.
rad. 7 no.6:58-68 Je '62. (MIRA 15:8)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(RADIATION SICKNESS) (HYPOTENSION) (BLOOD VESSELS)

TIKHONOV, K.B.; PERESLEGIN, I.L.; PARIDOV, N.A.

Second Hungarian Radiological Congress. Vopr. rent. i rad. 39
no.6476-33 N-D '64. (MIRA 1966)

VIKHONOV, F.B.; KOLOSOV, S.S.; KUCHENSKIY, V.S.

Röntgenological methods in the practice of planning radiotherapy.
Med. rad. 10 no.1:70-74 Ja '65. (MIRA 18:7)

1. Tsentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskii
institut Ministerstva zdravookhraneniya SSSR, Leningrad.

TIRKHOV, E.B.; CHALISOV, I.A.

State of the walls of large blood vessels in acute radiation sickness. Med. rad. 10 no.4:2-65 Apr '65. (MIRA 18:7)

1. Voenno-meditsinskaya ordena Lenina akademiya imeni Kirova, Leningrad.

GABELOV, A.A.; LIBSON, I.I.; TIKHONOV, K.B.

X-ray diagnosis of metastases in the lymph tracts from
malignant tumors of the female sex organs. Vop.onk. 11
no.11:32-38 '66. (MIRA 1961)

1. Iz radioginekologicheskogo (zav. - kand.med.nauk A.A.Gabelov)
i rentgenodiagnosticheskogo (zav. - doktor med.nauk K.B.Tikhonov)
otdelov Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radio-
logicheskogo instituta Ministerstva zdorovokhraneniya SSSR
(direktor - kand.med.nauk Ye.I.Vorob'yev).

RUDERMAN, A.I., prof.; VAYNBERG, M.Sh.: MOSKACHEVA, K.A., doktor med. nauk,
prof.; PERESLEGIN, I.A.; SVIRIDOV, N.K.; TIKHONOV, K.E., doktor
med. nauk; KRINITSYN, V.D.

Book reviews. Vest. rent. i rad. 40 no.6:65-70 N-D '65.

(MIRA 19:1)

1. TSentral'nyy nauchno-issledovatel'skiy rentgeno-radiologicheskiiy
institut Ministerstva zdravookhraneniya SSSR, Leningrad (for Tikhonov,
Krinitsyn).

TIKHONOV, K.K., kand.tekhn.nauk

Determining weight norms for transfer trains at junction points.
Zhel.dor.transp. 42 no.12:41-44 D '60. (MIRA 13:12)
(Railroads--Train)

TIKHONOV, K. K.

Tikhonov, K. K. -- "Engineering and Economic Effectiveness of Increasing the Weight of Freight Trains by the Use of Multiple Steam Traction on Individual Runs," Min Railways USSR, Moscow Order of Lenin and Order of Labor Red Banner Inst of Engineers of Railroad Transport imeni I. V. Stalin, Moscow, 1955 (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No. 23, Moscow, Jun 55, pp 87-104

SHESTAKOV, Aleksandr Ivanovich; TIKHONOV, K.K., dotsent, red.; MEDVE-
DEVA, M.A., tekhn.red.

[Organisation of the operation of trains with electric and
diesel traction; practices of the Omsk Railroad] Opyt organi-
zatsii poezdnoi raboty pri elektricheskoi i teplovoznoi tiage;
iz praktiki Omskoi dorogi. Moskva, Gos.transp.zhel-dor.izd-vo,
1959. 65 p. (MIRA 13:3)
(Railroads--Management)

VASIL'YEV, Gavril Stepanovich; LEPNEV, Mikhail Ivanovich; TIKHONOV,
Konstantin Kuz'mich; AL'TERMAN, S.L., red.; BOBROVA, Ye.N.,
tekhn.red.

[Traffic organization on railroads during the process of
electrification] Organizatsiia dvizheniia poezdov na elektri-
fitsiruemykh liniakh. Moskva, Gos.transp.shel-dor.izd-vo,
1959. 123 p. (MIRA 13:1)
(Railroads--Electrification) (Railroads--Traffic)

TIKHONOV, K.K., kand.tekhn.nauk, dotsent

Selecting the optimum length of sections for locomotive turnover.
Trudy MIIT no.168:5-94 '63. (MIRA 17:4)

L. Rukovoditel' nauchno-issledovatel'skoy laboratorii dvizheniya
Moskovskogo instituta inzhenerov zheleznodorozhnogo transporta.

TIKHONOV, K.K., kand. tekhn. nauk.

Optimum freight train speeds under present-day and future
conditions. Zhel. dor. transp. 45 no.11:29-34 N '63.

(MIRA 16:12)

TIKHONOV, K.K., dotsent, kand. tekhn. nauk

Traction and power characteristics on various track grading taking the train inertia into account. Trudy MITT no.203:44-102 '65.

(MIRA 18:6)

1. Rukovoditel' nauchno-issledovatel'skoy laboratorii dvizheniya Moskovskogo instituta inzhenerov zheleznodorozhnogo transporta.

VASIL'YEV, G.S., kand.tekhn.nauk; LEPNEV, M.I., kand.tekhn.nauk;
TIKHONOV, K.K., kand.tekhn.nauk

Traffic organization during the electrification of railroad
lines. Zhel.dor.transp. 41 no.8:47-51 Ag '59.
(MIRA 12:12)

(Railroads--Electrification)

BENESHEVICH, I.I., kandidat tekhnicheskikh nauk; BOGIN, N.M., kandidat tekhnicheskikh nauk; BYKOV, Ye.I., inzhener; VLASOV, I.I., kandidat tekhnicheskikh nauk; GRITSEVSKIY, M.Ye., inzhener; GRUBER, L.O., inzhener; GURVICH, V.G., inzhener; DAVYDOV, V.N., inzhener; YER-SHOV, I.M., kandidat tekhnicheskikh nauk; ZASORIN, S.N., kandidat tekhnicheskikh nauk; IVANOV, I.I., kandidat tekhnicheskikh nauk; KRAUKLIS, A.A., inzhener; KROTOV, L.B., inzhener; LAPIN, V.B., inzhener; LASTOVSKIY, V.P., dotsent; LATUHIN, N.I., inzhener; MARKVARDT, K.G., professor, doktor tekhnicheskikh nauk; MAKHAYLOV, M.I., professor, doktor tekhnicheskikh nauk; NIKANOROV, V.A., inzhener; OSKOLKOV, K.N., inzhener; OKHOSHIN, L.I., inzhener; PARFENOV, K.A., dotsent, kandidat tekhnicheskikh nauk; PERTSOVSKIY, L.M., inzhener; POPOV, I.P., inzhener; PORSHNEV, B.G., inzhener; RATNER, M.P., inzhener; ROSSIYEVSKIY, G.I., dotsent, kandidat tekhnicheskikh nauk; RYKOV, I.I., kandidat tekhnicheskikh nauk; RYSHKOVSKIY, I.Ya., dotsent, kandidat tekhnicheskikh nauk; RYABKOV, A.Ya., professor [deceased]; TAGER, S.A., kandidat tekhnicheskikh nauk; KHAZEN, M.M., professor, doktor tekhnicheskikh nauk; CHERNYSHEV, M.A., doktor tekhnicheskikh nauk; EBIN, L.Ye., professor, doktor tekhnicheskikh nauk; YURENEV, B.N., dotsent; AKSENOV, I.Ya., dotsent, kandidat tekhnicheskikh nauk; ARKHANGEL'SKIY, A.S., inzhener; BARTENEV, P.V., professor, doktor tekhnicheskikh nauk; BERNGARD, K.A., kandidat tekhnicheskikh nauk; BOROVY, N.Ye., dotsent, kandidat tekhnicheskikh nauk; BOGDANOV, I.A., inzhener; BOGDANOV, N.K., kandidat tekhnicheskikh nauk; VINNICHENKO, N.G., dotsent, kandidat ekonomicheskikh nauk;
(Continued on next card)

BENESHEVICH, I.I. (continued) Card 2.
 VASIL'YEV, V.F.; GONCHAROV, H.G., inzhener; DERIBAS, A.T., inzhener;
 DOBROSEL'SKIY, K.M., dotsent, kandidat tekhnicheskikh nauk; DLUGACH,
 B.A., kandidat tekhnicheskikh nauk; TRFIMOV, G.P., kandidat tekhnicheskikh nauk;
 ZEMBLINOV, S.V., professor, doktor tekhnicheskikh nauk; ZABELLO, M.L., kandidat tekhnicheskikh nauk; IL'IN, K.P.,
 kandidat tekhnicheskikh nauk; KARTENNIKOV, A.D., kandidat tekhnicheskikh nauk;
 KAPLUN, F.Sh., inzhener; KANSHIN, M.D.; KOCHKEV, P.P., professor, doktor tekhnicheskikh nauk;
 KOGAN, L.A., kandidat tekhnicheskikh nauk; KUCHURIN, S.F., inzhener; LEVASHOV, A.D., inzhener;
 MAKSIMOVICH, B.M., dotsent, kandidat tekhnicheskikh nauk; MARTYNOV, M.S., inzhener;
 MEDKL', O.M., inzhener; NIKITIN, V.D., professor, kandidat tekhnicheskikh nauk;
 PADNYA, V.A., inzhener; PANTELEYEV, P.I., kandidat tekhnicheskikh nauk;
 PYTROV, A.P., professor, doktor tekhnicheskikh nauk; POVOZHENKO, V.V., professor,
 doktor tekhnicheskikh nauk; PISKAREV, I.I., dotsent, kandidat tekhnicheskikh nauk;
 SERGEYEV, Ye.S., kandidat tekhnicheskikh nauk; SIMONOV, K.S., kandidat tekhnicheskikh nauk;
 SIMANOVSKIY, M.A., inzhener; SUYAZOV, I.G., inzhener; TALDAYEV, F.Ya., inzhener;
 TIKHOMOV, K.K., kandidat tekhnicheskikh nauk; USHAKOV, H.Ya., inzhener;
 USPENSKIY, V.K., inzhener; FEL'DMAN, E.D., kandidat tekhnicheskikh nauk;
 FERAPONTOV, G.V., inzhener; KHOKHLOV, L.P., inzhener; CHERNOMORDIK, G.I., professor,
 doktor tekhnicheskikh nauk; SHAMAYEV, M.F., inzhener; SHAFIRKIN, B.I., inzhener;
 YAKUSHIN, S.I., inzhener; GRANOVSKIY, P.G., redaktor; TISHCHENKO, A.I., redaktor;
 ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk, redaktor; KLIMOV, V.Z., dotsent, kandidat tekhnicheskikh nauk.
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